U.S. PTO 12/230140 08/25/2008

09-04-2008



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Form PTO-1595 (Rev. 08/08) OMB No. 0651-0027 (exp. 8/31/2008)

RECORDATION FORM COVER SE PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below
Name of conveying party(ies):	2. Name and address of receiving party(ies)
Tetsuya Atsumi (08/25/2008) and Munehiro	
Takasugi (08/25/2008)	Name: MITSUBISHI MATERIALS CORPORATION
	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:
3. Nature of conveyance/Execution Date(s):	7
Execution Date(s): in parentheses after inventor name	5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo, JAPAN
x Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City:
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: Zip:
Other	Additional name(s) & address(es) Yes X No attached?
4. Application or patent number(s):	This document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
This application	
Additional numbers attached	? Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: James E. Armstrong, IV	
EDWARDS ANGELL PALMER & DODGE LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 82479(47762)	Authorized to be charged by credit card
Street Address: P.O. Box 55874	
	x Authorized to be charged to deposit account
	Enclosed
·	None required (government interest not affecting t
City: Boston	8. Payment Information
State: MA Zip: 02205	a. Credit Card Last 4 Numbers
Phone Number: (202) 478-7375	Expiration Date
Fax Number: (202) 478-7380	b. Deposit Account Number 04-1105
Email Address: jarmstrong@eapdlaw.com	Authorized User Name James E. Armstrong, IV
9. Signature:	-
	August 25, 2008
MINIA NAMED AND ARTHUR	Audust 25, 2008
	Date
James E. Armstrong, IV - 42,266	

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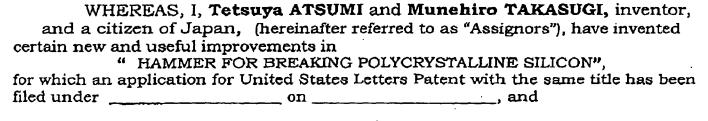
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PATENT REEL: 021483 FRAME: 0005

ASSIGNMENT



WHEREAS, MITSUBISHI MATERIALS CORPORATION of 5-1. Otemachi 1-chome, Chivoda-ku, Tokyo, Japan; (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to this invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of Ten Dollars (\$10.00) or equivalent, and other valuable and legally sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest for the United States in and to the said invention and in and to the said applications and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said inventions, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors also have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest in and to the invention disclosed in said applications, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said inventions in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said

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Attorney Docket No.

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Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignors also hereby grant the law firm of EDWARDS ANGELL PALMER & DODGE LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this documents.

IN WITNESS WHEREOF, the Assignors have caused this Assignment to be executed.

Dated this 25 th day of August , 2008.

RECORDED: 08/25/2008

Tetsuya ATSUMI

Munchiro TAKASIIGI

PATENT REEL: 021483 FRAME: 0007